

Application No. 10/036,840
Amendment dated November 9, 2006
Reply to Office Action of August 9, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended). An odor control absorbent article comprising;

- a) a base substrate material selected from the group consisting of nonwoven fabrics, woven fabrics, polymeric films, and combinations thereof, and
- b) an odor control compound,
- c) the odor control compound comprising an admixture of a hydroxydiphenyl ether and an aliphatic acid carrier, wherein said aliphatic acid carrier comprises an acid effective to shift the pH of the admixture to a range between approximately 3.0 and 5.0,
- d) the odor control compound being present as a coating at a surface of said base substrate material by having been topically applied in aqueous form to the base substrate material,
- e) with the base substrate material formed into a component material for an odor control absorbent article, said aliphatic acid carrier acting to shift the pH of the hydroxydiphenyl ether environment to induce protonation of odor-causing ammonia.

Claim 2 (canceled).

Claim 3 (original). An odor control absorbent article as in claim 1, wherein said hydroxydiphenyl ether is a trichlorodiphenyl ether.

Claim 4 (previously presented). An odor control absorbent article as in claim 1, wherein said acidic carrier is an organic acid.

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Claim 5 (canceled).

Claim 6 (previously presented). An odor control absorbent article as in claim 1, wherein the aliphatic acid carrier is a hexanedioic acid.

Claim 7 (original). An odor control absorbent article as in claim 1, wherein said odor control absorbent article is a diaper.

Claim 8 (original). An odor control absorbent as in claim 1, wherein said odor control absorbent article is a sanitary napkin.

Claim 9 (original). An odor control absorbent article as in claim 1, wherein said odor control absorbent article is a training pant.

Claim 10 (original). An odor control absorbent article as in claim 1, wherein said odor control absorbent article is a pull-on garment.

Claim 11 (original). An odor control absorbent article as in claim 1, wherein said odor control absorbent article is an incontinence garment.

Claim 12 (new). An odor control absorbent article comprising;

- a) a base substrate material selected from the group consisting of nonwoven fabrics and woven fabrics and combinations thereof, and
- b) an odor control compound,
- c) the odor control compound comprising an admixture of a hydroxydiphenyl ether and an aliphatic acid carrier, wherein said aliphatic acid carrier comprises an acid effective to shift the pH of the admixture to a range between approximately 3.0 and 5.0,

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d) the odor control compound being present as a coating at a surface of said base substrate material by having been topically applied in aqueous form to the base substrate material,

e) with the base substrate material formed into a component material for an odor control absorbent article, said aliphatic acid carrier acting to shift the pH of the hydroxydiphenyl ether environment to induce protonation of odor-causing ammonia.

Claim 13 (new): An odor control absorbent article as in claim 12, wherein said hydroxydiphenyl ether is a trichlorodiphenyl ether.